Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1- 23. (canceled)

24. (currently amended) A method for supporting a communications network, comprising:

establishing communications ~~communicating~~ between a physical messaging network server and a wireless device utilizing a ~~modified~~ hybrid User Datagram Protocol (UDP) connectionless transport protocol comprised of a transport layer corresponding to a transport layer of an Open Systems Interconnection (OSI) model, said UDP transport layer being modified to detect at least one of a duplicate message and a duplicate segmented message while requiring less overhead than is required by Transport Control Protocol (TCP) protocol;

detecting said at least one of duplicate message and duplicate segmented message ~~duplication~~ using a peer wireless protocol layer; and

discarding said at least one of duplicate message and duplicate segmented message, in response to said detection of said at least one of duplicate message and duplicate segmented message with said transport layer of said ~~modified~~ hybrid UDP connectionless transport protocol;

wherein said at least one of duplicate message and duplicate segmented message received from said wireless device is acknowledged back to said wireless device to said peer wireless protocol layer, discarded, and conditionally logged.

25. (previously presented) The method of claim 24, further comprising:

specifying a server class for said physical messaging network server during a registration of said physical messaging network server.

26. (previously presented) The method of claim 25, further comprising:

specifying at least one of a packet header, an IP address and a listener port during said registration.

27. (previously presented) The method of claim 24, further comprising:

generating a standard packet for communication between said physical messaging network server and said wireless device during encapsulation.

28. (previously presented) The method of claim 27, wherein the standard packet includes at least one of:

a header length;
protocol flags;
packet length;
database ID;
link station ID;
message ID;
customer ID;
port number;
network header; and
message body.

29. (previously presented) The method of claim 27, further comprising:

a network header comprising at least one of:

a compression indicator;

a security indicator;

a service type indicator;

a message type indicator; and

a server ID.

30. (currently amended) The method of claim 24, further comprising:

encapsulating a transport header;

notifying a sending device of a success or failure of a transmission;

segmenting a message[[s]] over a pre-determined length into segmented messages ~~segments~~;

assembling ~~the~~ said segmented messages ~~segments~~ into assembled messages;

resending messages that are not acknowledged within a pre-determined time;

pacing a transmission of messages larger than a pre-determined number of segments;

detecting duplicate message segments; and

detecting duplicate messages.

31. (previously presented) The method of claim 24, further comprising:

generating acknowledgement messages;

processing the acknowledgement messages;

compressing and decompressing messages; and

encrypting and decrypting messages.

32. (previously presented) The method of claim 30, further comprising:

encapsulating a communication layer.

33. (previously presented) The method of claim 31, further comprising:

processing application specific messages;

providing special compression services; and

providing special security services.

34-55. (canceled)

56. (previously presented) The method of claim 24, further comprising:

searching a database based on a server type to identify said physical messaging network server, said physical messaging network server being of an intelligent messaging network server type that another physical messaging network server desires to connect with.

57. (previously presented) The method of claim 56, further comprising:

facilitating a handshake procedure to determine a validity of a connection between said physical messaging network server and said client device.

58. (canceled)

59. (previously presented) The method of claim 24, wherein the physical messaging network server types comprise:

at least one of a protocol gateway server, message router server, and back-end server.

60. (previously presented) The method of clam 25, wherein:

said physical messaging network server class is associated with at least one of a network access protocol for a communications network connecting [[a]] said client device and said physical messaging network server.

61. (previously presented) The method of claim 24, further comprising:

encapsulating a network access protocol used to transmit data between said client device to said physical messaging network server, said network access protocol being transparent to said physical messaging network server receiving said data from said client device.

62-68. (canceled)